Ole Virginia Times

The OVH ARC Newsletter

"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, VA 22110

Repeater: WA4FPM -- 146.97
WA4FPM -- 224.66

Digipeater: WA4FPM-1 -- 145.09
WA4FPM-3 -- 223.40

DECEMBER 1988 ISSUE

FROM THE PRESIDENT'S SHACK:

The Holiday Season is here, and it seems the last year has passed very rapidly. Oh well, the next one may go faster yet. it is good, though, to look forward to this month's ctivities. Lots of good food and good cheer, and a chance for close relationships with family and friends that no other time of year affords. As we give the gifts which so exemplify this Season, let's not forget to be generous with something for those less fortunate than we are; the homeless, the poor, and those who are shut-ins or in poor health. A little bit goes a long ways, and the appreciation is real.

Annual Club Elections are in February. Gene Roberts has agreed to serve as Chairman of the Nominating Committee. Dick Miller and Mike Feher will serve with Gene on the Committee. Dick and Mike, if I neglected to ask you at the last Meeting, please consider this as my request. Nominating Committee recommendations will be announced at the January Club meeting. Other nominations from the floor will be welcomed at the February Meeting prior to the election. Remember, if you plan to nominate anyone from the floor at the February Meeting, ask them first to find out if they are willing to serve.

The Club needs a representative to the Foundation for Amateur Radio. Anyone willing? It only takes one night a month, plus a little time to write a short article for "AutoCall". How about it?

See you at the Club Christmas Party. (Details elsewhere in this issue, plus in the November issue.)

Also, see you at the Meeting on Monday evening, December 19th.

Ed Stalder (KC4YY)

Listen to the Westlink Report at 8:00 pm Thursday Evenings during the OVH Weekly Bulletin.

CLUB OFFICERS AND COMMITTEES

Directors:

Bob McCann (N4RL)
Tim Wayne (KB4NR)
Mike Feher (N4FS)
Butch Blasdell (W4HJL)

Officers:

President -- Ed Stalder (KC4YY)
Vice President -- Joe Tutino (KB4VHK)
Secretary -- Randy Moler (KA4UFF)
Treasurer -- Steve Frick (N4OGR)

Repeater Trustee:

Art Whittum (W1CRO)

OVH Weekly Net:

Harry Vorhauer (W4PVA)

Emergency Coordinator:

Harry Vorhauer (W4PVA)

Repeater Controllers:

Art Whittum (W1CRO)
Tim Wayne (KB4NR)
Milt Warnock (N4SN)
Jim Lascaris (WA2QEJ)
Steve Meade (KB4OF)
Russ Stevens (WB4HHN)
Butch Blasdell (W4HJL)
Mary Lou Blasdell (KB4EFP)
Jack Gunsett (KI4VP)--Digipeater

Technical Committee:

Butch Blasdell (W4HJL)
Jim Lascaris (WA2QEJ)
Tim Wayne (KB4NR
Bob McCann (N4RL)

Refreshments:

Mary Lou Blasdell (KB4EFP)

Sunshine Chairperson:

Bernice Miller (KA4SCA)

Field Day:

1988 Curt Wann (K4ITO)

Program Chairman:

Open

Club Newsletter:

Steve Frick (N4OGR)
Bonnie Frick (N4QPB)

Historian:

Gregg Brunacci (N4RKV)

Publicity Chairman:

Gregg Brunacci (N4RKV)

F.A.R. Representative:

1989 Hamfest

Joe Tutino (KB4VHK)
Greg Brunacci (N4RKV)

Generators:

Tom Watts (KA4FU)

Computer Committee:

Dick Miller (WD4AZG)
Milt Warnock (N4SN)
Tim Wayne (KB4NR)

Membership:

Ken Moan (N4NLO)

Scholarships:

Mike Feher (N4FS)

Westlink Report:

Jack Gunsett (KI4VP)

Mail List:

Dick Miller (WD4AZG)

Club Picnic:

Bernice Miller (KA4SCA)
Mary Lou Blasdell (KB4EFP)

Educational Committee:

Bob McCann (N4RL)

The **Ole Virginia Times** is published monthly by the Ole Virginia Hams Amateur Radio Club, and is mailed free to members of OVH. Permission is granted for use of material contained in this Newsletter, provided proper credit is given. This editor will swap Newsletters with other Clubs and Associations upon request. Newsletter deadline is the 5th of each month. The Newsletter is entered as First Class Mail at the Manassas Post Office, Virginia.

The Editor

WORLD WIDE FRIENDSHIP THROUGH AMATEUR RADIO

FROM THE TREASURE'S VAULT:

Membership dues expire at the end of the month. Dues are $6.00 a year. For family membership, the first member is $6.00 and each additional member of the family is $3.00. New Auto Patch access Cards will be issued with the Membership Cards (to paid up Members) in the February Issue of the Ole Virginia Times. New Membership Cards from subsequent renewals will be available only at Meetings. So, make sure you get your Dues in on time!

Steve (N4OGR)

****

FROM THE DESK OF W4PVA:

Volunteer Examiners present at the November 19th, 1988, exams given at the Northern Virginia Community College, Manassas Campus, were:

Bob Spindle--WA4QYP
Keith Bennington--KM4AA
Bill Remay--AA4MT
Gene Marden--AI4W
Steve De Lage--WA1VQN
Dave Lee--KY4K
Harry Vorhauer--W4PVA

A big THANK YOU to all of you!

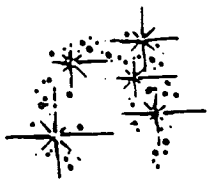
(When I get the summary, more info as to how many took the exam, passed, etc., will be in the next Newsletter.)

WORD OF CAUTION:

If you are thinking of acquiring a touch-and-glow lamp, be advised that even after modification, interference may affect your radio bands from 160-10 meters. For more information, see the article titled "Technical Correspondence" in the March 1988 Issue of **QST.**

Harry (W4PVA)

Cob: Found in a corn field or one who tunes up on net frequency.



DON'T FORGET!!!!

WHAT? The Second Annual Ole Virginia Hams Amateur Radio Club's Christmas Party!!!!!

WHEN? Friday evening, December 23rd, 1988, starting at 7:00 pm until 12:00 am.

WHERE: The Banquet Room at the La Chapelle Resturant at 9329 Main Street (corner of Main Street and Church Street), Manassas, VA.

We have extended the registration deadline for the Christmas party until the 17th of December.

Dress: Formal or informal, as you wish, but jeans will not be allowed.

Music will be provided by **Sounds Fantastic** !!

This will be a great time for mingling, dinning, and dancing. There will be a small gift for every YL and XYL and there will be hourly door prizes!

(For more information, see the November issue of the Newsletter and/or contact Bonnie (N4QPB) at 361-0008 or 690-6547.)

Hope to see you there!!!!!!

CB TO 10M

10 meters really is alive and well. If you want to get on 10 meters cheap or you want to have a mobil rig and you have an old CB Side Band rig, you have it made. As I had an old Pace 1023 that I never used, I decided to convert it to 10 meters, with a little encouragement from Art (W1CRO). My rig required changing 4 crystals and a tune-up of the receive and transmit circuits and I was on my way. (There are some rigs that require only one crystal to be changed.) The only expense I ran into was $5.00 for each crystal; so, for only $20.00 I was on the air, QRP mobil. After chosing a frequency range of 28.300 - 28.590 in 23 channel steps (my clarifyer swings about 1KC up and 1KC down, which means that I cannot go between channels, but I understand this also is an easy fix) so far, since September of this year, I have worked Ireland, Costa Rica, Germany, California, Texas, North Dakota, Florida (just to name a few). Not bad for a CB convert with 12 watts PEP and a 1/4 wave base load antenna (also a CB convert).

For those of you which are new hams and are not electronically inclined (like myself) I am sure that if you ask one of the "old timers" they would be glad to help with figuring out the crystals needed for your rig and getting it aligned properly.

73 Amateur Radio Magazine has an extensive list of articles about converting CB to 10M (list re-printed below). Also, Art (W1CRO) has a partial list of these articles in his own library (see his listing elsewhere in this Newsletter). If you see one of interest, give him a call, I'm sure he would be glad to lend it to you.

CB rigs can also be converted to 10M FM use, but it is a little more involved.

So, blow the dust off the old rig sitting in the closet, make the change over, and I'll see you on 10!

Steve (N4OGR)

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CB-TO-TEN

73 has led the way on CB-to-10 meter conversions. Take advantage of our offer to help you get on 10 meters before the sunspots peak again. It's easy and saves you money!

#	Title	Issue
1	Bandplan and Crystal Info	May 77
2	Conversion Data	May 77
3	Radio Shack TRC-47	Jul 77
4	E.F. Johnson Messenger 123A	Jul 77
5	Hy-Gain 670B	Jul 77
6	Antenna Suggestions	Dec 77
7	Radio Shack Realistic TRC-II	Dec 77
8	The Publicom I	Feb 78
9	How about SSB Conversions?	Jul 78
10	Radio Shack TRC-11 and TRC-74	Aug 78
11	Radio Shack Realistic Mini 23	Sep 78
12	Hy-Range 681A (Hy-Gain)	Sep 78
13	Kraco KCB-2310B	Oct 78
14	Lafayette Telsat SSB-75	Nov 78
15	Radio Shack Realistic TRC-452	Nov 78
16	CB Walkie-Talkie Conversion	Nov 78
17	Sharp Model CB-800A	Jan 79
18	SBE Sidebander III and Pace 123A	Jan 79
19	Midland 13-882C and Other PLL Rigs	May 79
20	Lafayette SSB-75 and SSB-100	Jun 79
21	Royce I-655	Nov 79
22	Johnson Viking 352	Nov 79
23	CB to 10 FM - Part I	Jan 80
24	CB to 10 FM - Part II	Feb 80
25	More Talk Power for the TRC-11	Mar 80
26	Sears RoadTalker 40	Mar 80
27	Penney's SSB Rig	Apr 80
28	The Poly-Paks 40-Channel CB Board	Jun 80
29	The Cobra 132	Jul 80
30	New Life for SSB CB Rigs	Jul 80
31	Double Your Channels in SSB Conversions	Jul 80
32	On Ten FM	Aug 80
33	Put That Hy-Gain CB Board to Use	Sep 80
34	Peaking and Tweaking Hy-Gain Boards	Mar 82
35	CB to CW? (Hy-Gain)	Jul 82
36	Maximum Modulation for CB Conversions	Dec 82
37	Beef Up Your CB-to-CW Conversion	Feb 83
38	Add a Digital Readout to Your CB Conversion	Feb 83

Send $3.00 for the first article and $1.50 each thereafter. Just choose the article numbers and call with a credit card number or send a check or money order to: *CB to Ten, 73 Amateur Radio Magazine, WGE Center, Peterborough NH 03458 (603-525-4201).*

WAIT---I CAN SEE THE OL' BOY THROUGH THE WINDOW--HE'S GOING TO DISCONNECT HIS ANTENNA---HIS HAND IS NEAR THE CO-AX CONNECTOR--- NOW! THROW THAT SUCKER NOW!

WORLDRADIO

Ole Virginia Hams Amateur Radio Club, Inc.

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CB TO TEN METERS - CONVERSION ARTICLES

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BIBLIOGRAPHY OF "CB-TO-TEN" ARTICLES

EXPERIENCE 10 METER OPERATION: QST August 81
References the following:
73, Jan 80, p. 117 "CB-to-10 FM Best conversion yet?"

MODIFYING A CB-BOARD SYNTHESIZER FOR AMATEUR USE: QST March 83

CB TO 10 FM ONE GROUP'S APPROACH: Hamradio Feb 83
References the following:
73, Jul 82, "CB to CW?"

A SCANNER FOR CB TO 10-METER CONVERSIONS: Hamradio Nov 85

73 MAGAZINE SERIES:
CB TO 10 PART XII (Kraco PLL Rig) Oct 78
CB TO 10 PART XVI (CW Conversion) Jan 79
CB TO 10 PART XVII (SBE and PACE Rigs) Jan 79
CB TO 10 PART XIX (Lafayette SSB Rigs) Jun 79
CB TO 10 PART XX (Royce 1-655) Nov 79
CB TO 10 PART XXI (Johnson Viking 352) Nov 79
CB-TO-10 FM Best Conversion Yet? Jan 80
CB-TO-10 FM CONTINUED Feb 80
CB TO 10 PART XXII (TRC-11) Mar 80
CB TO 10 PART XXIII (Roadtalker 40) Mar 80
CB TO 10 PART XXV (Surplus boards) Jun 80
CB TO 10 PART XXVI (Cobra 132) Jul 80
CB TO 10 PART XXVII (SSB Rigs) Jul 80
CB TO 10 PART XXVIII (Double your channels) Jul 80
CB TO 10 PART XXIX (Hygain Boards) Sept 80

NOTE: These are the only articles on hand at W1CRO's QTH. There are more. Does anyone have any others? If so, QSO the NEWSLETTER Editor. Share the wealth. W1CRO QSOs on CB to 10 Meter conversion rig since going mobile QRP with a 42" whip include WE4P (AL), W4HTU (FL), LU1E (Brazil), WB5BRF (MS), KE4PE (FL), WB0CCF (MO), N9FHU (WI), AA4UQ (TN), YV5IW (Brazil), NC1U (MA), K5DIT (TX), L4H (Argentina), ZZ5ABW (Brazil?), LU8AJK (Argentina), IK1HJS (Italy), WB9BZE (IL), W0RWC (IO), and many others. 10 Meters is getting better all the time. Hop on it and have some fun.

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Thomas Edison flunked telegrapher's school. He had a hearing problem and couldn't tell a dit from a dah.

General Interest

Beer Can Verticals:

Beer can vertical antennas became popular when amateurs returned to the air after World War II. Cans were then made of steel and could easily be soldered together for a reasonably effective antenna requiring little space.

The first consideration was to determine the number of cans needed for 1/4-wavelength for the desired frequency.

Instead of consuming the beer in the normal fashion, several Montana amateurs distilled the alcohol from the beer and used it in their torches to solder the cans together. Not only did this reduce waste, but it left the amateur with a clear head for operating. (**Amateur Radio News Service**, August Issue 1988)

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QSLing To USSR:

Recently Russian hams have been allowed to give out their addresses on the air, so you may be able to send them cards direct (and a few have complete addresses in the call-book, but not many.) QSLs sent through bureaus to Russia may take 6 months to a couple of years for a response! An alternative for getting cards from the rarer Russian countries (UD, UF, UG, UH, UI, etc.) is to send your cards through Joe, W3HNK. He has been corresponding with many USSR hams for many years, and they have some sort of system. For every 2 cards you send to Joe, send a single #10 SASE and a buck. Many of us have gotten very good results from that route. (**Amateur Radio News Service**, November Issue 1988).

Ferrite Beads & RFI:

There is an excellent handout on "Using Ferrite Beads to Keep RF Out of TV Sets, Telephones, VCR's, Electronic Equipment, Burglar Alarms and Other Equipment", available with an SASE from the Stanislaus Amateur Radio Association, P.O. Box 4601, Modesto, CA 95352 (**Worldradio**, December 1988.)

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NEXT MEETING:

The next meeting of the OVHARC will be held on Monday night, December 19th, 1988, at 8:00 pm., in the basement Meeting Room of the Northern Virginia Electric Co-Op, 10323 Lomond Drive, Manassas, Virginia, at 8:00 pm. Please use the side entrance located on the left side of the building (next to the parking lot where all of the antennas (Ham style) will be parked). Hope to see you there!.

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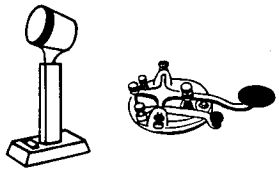
From the Keyboard of the Editor:

SEASON'S GREETINGS TO ALL AND BEST WISHES FOR THE COMING YEAR!!!!!



Remember, we are always looking for interesting items for the Newsletter. If you see or know of articles, shack tips, Items for sale or wanted, brain teasers, etc., please send them to the Newsletter Editor, c/o Post Office Box 1255, Manassas, VA 22110, or give us a landline (361-0008 or 690-6547). If it is interesting to you, chances are it will be interesting to others.

Steve (N4OGR)

JOIN ARRL

BENEFITS FOR YOU: QST, QSL Bureau, Awards (DXCC, WAS, etc.), Low-Cost Insurance, Operating Aids, Government Liaison and more—Much more! For You!

USE THIS COUPON OR A FACSIMILE AND MAIL TODAY

MEMBERSHIP APPLICATION **PRO/83**

Name _____ Call _____

Street _____

City _____ Prov./State _____ PC/ZIP _____

$25 in U.S./$30 in Canada/$33 elsewhere (U.S. funds)

Licensed Amateurs, age 17 or under or age 65 or over, upon submitting proof of age, may request the special dues rate of $20 in the U.S. ($25 in Canada, $28 elsewhere (U.S. funds).

For postal purposes, 50 percent of dues is allocated to QST, the balance for membership.

VISA or Chargex No. _____ Expires _____

Master Card No. _____ Bank No. _____ Expires _____

The American Radio Relay League
225 Main Street, Newington, CT 06111 USA

AUTO-CALL

Atlantic Division Director
Hugh Turnbull -- W3ABC
6903 Rhode Island Avenue
College Park, MD 20740
Phone: (301) 927-1797

Roanoke Division Director
Gay E. Milius -- W4UG
1416 Rutland Drive
Virginia Beach, VA 23454
Phone: (804) 481-5095

Note:

If you are joining the ARRL for the first time and you wish to thank the ARRL-Affiliated Club that introduced you to the ARRL, please enter its 4 digit code (club members can tell you what their code is) in the space provided below.

Enter 4-digit code for sponsoring club, if any:

0507

Ole Virginia Hams

ANNOUNCING THE FIFTEENTH ANNUAL MANASSAS HAMFEST

An ARRL approved Hamfest

PRESENTED BY:
OLE VIRGINIA HAMS A.R.C

MEMO

MEMO

JUNE 4, 1989
MANASSAS HAMFEST
AND COMPUTER SHOW

✓TIME 8:00 AM - 4:00 PM ✓PRIZES

✓ TAILGATING AMPLE ROOM - 25 ACRES

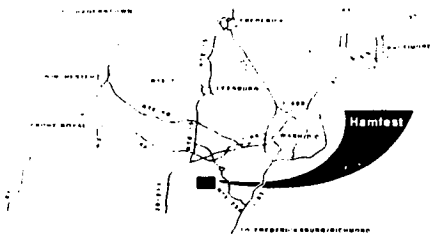
✓ CONCESSIONS ✓ VENDORS

✓CHILDREN UNDER 12 FREE

Mail request for information to:
Ole Virginia Hams A.R.C., INC
P.O. Box 1255, Manassas, Virginia 22110

DEALERS INFORMATION -
Joe (K4FPT) 703-368-8599

GENERAL INFORMATION -
Jack (KI4VP) 703-361-5255



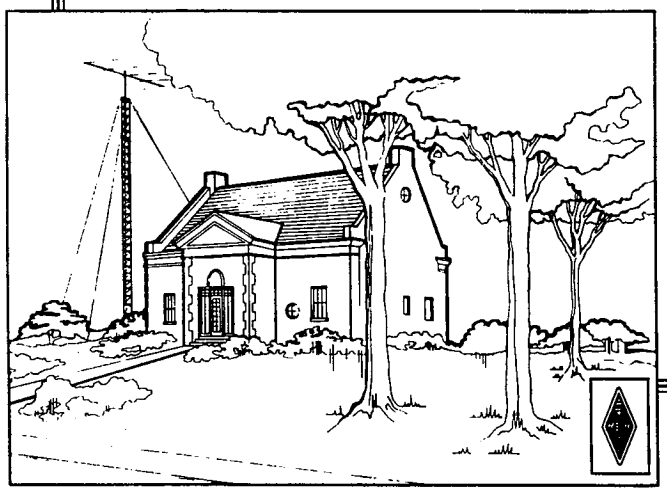
LOCATION - Prince William County Fairgrounds
1/2 Mile South of Manassas, VA on Route 234
Talk-in on 146.37/146.97 Repeater

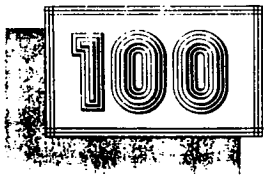
The American Radio Relay League, Inc., gratefully acknowledges the generous contribution of

Ole Virginia Hams ARC

to the **Hiram Percy Maxim Memorial Station, W1AW, Renovation Fund.** Thus, such member-station is entitled to all the rights, privileges, and honor of membership in the

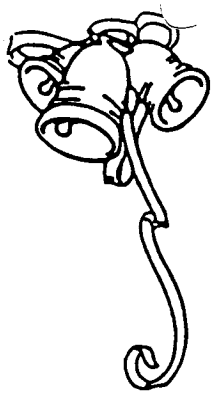
W1AW CENTURY CLUB





Larry E. Price W4RA
President, ARRL

ARRL Diamond Jubilee 1989



THE AMERICAN RADIO RELAY LEAGUE, INC.
Newington, CT

To: All Radio Amateurs:

Signal reporting is a courtesy, not an FCC requirement. It is such a common courtesy that every amateur has a space for it in his log and on his QSL card. It is the information most sought in practically any QSO.

The system outlined on the reverse of this card has achieved universal acceptance among cw operators, and is being more and more widely used by voice operators.

Be honest! If there is something wrong with the signal of the other station, tell him so, because he wants to know, just as you want to know if there is something wrong with yours. Make your reports worthwhile, honest and informative. Use the definitions!

Examples:

By cw: RST 359; RST 569X; RST 489C; RST 579K.

By voice: I am receiving you Readability ...(1-5), Strength...(1-9).

Good Phone Operating

1. Listen much...with care. Avoid distractions in your operating room. Tune the band well after each call.
2. Time your calls; monitor your own frequency. Call only when a station is free.
3. Make short calls, with breaks to listen. Speak clearly,at a steady, moderate rate. Three short calls are better than one long one.
4. Use Vox or push-to-talk technique...speak near the mike. Watch the modulation indicator. Keep local background noise at a minimum.
5. Make notes. Avoid missing points for comment. Jot down topics to avoid repeats.
6. Talk in connected thoughts and phrases. Notes will help avoid mixing up subjects. Vox and push to talk techniques will help brother amateurs from calling you a monologuist.
7. Speak naturally. QSO's need not be cut and dried. Make them interesting. Avoid exhibitionism. Use proper operating form to promote efficiency in communication and add respect and prestige for your station.

To: All Radio Amateurs.

A phonetic alphabet or special word list is recommended to use in identifying station calls or difficult words as necessary.

The list helps to avoid facetious word combinations. This gives it greatest acceptability to all amateurs.

Use of a standard list is recommended by ARRL. Haphazard selection of words often results in confusion. A degree of uniformity in use of phonetic words reflects favorably on your individual operating and on the whole amateur service.

THE AMERICAN RADIO RELAY LEAGUE, INC.
Newington, CT

Some Facts about Time Conversion

The chart on the other side has been arranged to show time zo used by most amateurs in the North American Continent Universal Coordinated Time, used universally as a standard. advantage of UTC is that it is the universally understood refere throughout the world. ARRL recommends that amateur logging be done in UTC.

All times shown are in 24-hour time for convenience. To con to 12-hour time: for times between 0000 and 0059, change the two ciphers to 12, insert a colon and add a.m.; for times betw 0100 and 1159, insert a colon and add a.m.; for times betw 1200 and 1259, insert a colon and add p.m.; for times betw 1300 and 2400, subtract 12, insert a colon and add p.m.

Time zone letters may be used to identify the kind of time b used. For example, UTC is designated by the letter Z, EDT/ by the letter Q, CDT/EST by R, MDT/CST by S, PDT/MS T, PST by U; thus, 1200R would indicate noon in the CDT/ zone, which would convert to 1700 UTC or 1700Z.

In converting from one time to another, be sure the day or date responds to the new time. That is, 2100R (EST) on Jan. 1 wou 0200Z (UTC) on Jan. 2; similarly, 0400Z on Jan. 2 woul 2000U (PST) on Jan. 1.

A good method is to use UTC (Z) for *all* amateur logging, sche making, QSLing and other amateur work. Confusion, with a different time zones, is inevitable. Leave your clock on UT

The Canadian Maritime provinces and Puerto Rico use (Q) time, or ADST (P) time. Canal zones use ES me. of Alaska and Hawaii use W time (+10 to UT

CALENDER FOR DECEMBER AND JANUARY

18 AMER EAGLE NET @ 1700 ON 28.34(	19 **OVH CLUB MEETING**	20	21 NVFMA NET @ 2000 146.31/91	22 OVH NET @ 2000 146.97 224.66 --- VEC EXAMS TOWSEN, MD	23 **OVH CHRISTMAS PARTY**	24 WOODBRIDGE NET @ 2100 28.440
25 AMER EAGLE NET @ 1700 ON 28.340 	26	27	28 NVFMA NET @ 2000 146.31/91	29 OVH NET @ 2000 146.97 224.66	30	31 WOODBRIDGE NET @ 2100 28.440 --- STRAIGHT KEY NIGHT
1 AMER EAGLE NET @ 1700 ON 28.340 --- HAPPY NEW YEAR	2	3	4 NVFMA NET @ 2000 146.31/91	5 OVH NET @ 2000 146.97 224.66 --- NEWSLETTER DEADLINE	6	7 WOODBRIDGE NET @ 2100 28.440 --- VEC EXAMS COLLEGE PK, MD --- VEC EXAMS WASHINGTON, DC
8 AMER EAGLE NET @ 1700 ON 28.340	9	10	11 NVFMA NET @ 2000 146.31/91	12 OVH NET @ 2000 146.97 224.66	13	14 WOODBRIDGE NET @ 2100 28.440 --- ARRL VHF SWEEPSTAKES
15 AMER EAGLE NET @1700 ON 28.340 --- RICHMOND, VA FROSTFEST	16 **OVH CLUB MEETING**	17	18 NVFMA NET @ 2000 146.31/91	19 OVH NET @ 2000 146.97 224.66	20	21 WOODBRIDGE NET @ 2100 28.440

NOTES: 1. For more information on VEC testing, contact Harry W4PVA.
2. The Powwow net meets daily at 2100 on 28.400.

FIRST CLASS MAIL

Ole Virginia Hams A.R.C., Inc.
Post Office Box 1255
Manassas, VA 22110

****MEMBERSHIP DUES EXPIRE AT THE END OF THIS MONTH
PLEASE CHECK YOUR MAILING LABEL ****